

**PATENT ABSTRACTS OF JAPAN**

(11)Publication number : 2003-165805

(43)Date of publication of application : 10.06.2003

(51)Int.Cl.

C08F 2/38

C08F 2/06

C08F 20/56

C08F 26/06

C10L 3/06

(21)Application number : 2001-363226

(71)Applicant : MITSUBISHI RAYON CO LTD

(22)Date of filing : 28.11.2001

(72)Inventor : SEYA MASAOKI

TOYAMA MASAYUKI

**(54) METHOD FOR PRODUCING AMPHIPHILIC POLYMER****(57)Abstract:**

**PROBLEM TO BE SOLVED:** To provide an amphiphilic polymer having a high gas hydrate production-controlling capacity.

**SOLUTION:** This method for producing the amphiphilic polymer performs a polymerization while dripping an amphiphilic monomer such as N- isopropylmethacrylamide, an initiator such as 2,2'-azobis(2-methylbutylonitrile) and a nonionic chain transfer agent such as 2-mercatoethanol into a polymerization solvent such as ethylene glycol. The hydrate production-controlling agent consisting of the polymer obtained by the method of production and the method for controlling the production of the hydrate by using the polymer obtained by the method of production are also provided.

**LEGAL STATUS**

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office